

Abstracts

Analysis and Design of a Circular Disc 3-dB Coupler (Reply to Comments)

M.E. Bialkowski and S.T. Jellett. "Analysis and Design of a Circular Disc 3-dB Coupler (Reply to Comments)." 1995 Transactions on Microwave Theory and Techniques 43.1 (Jan. 1995 [T-MTT]): 239-240.

As mentioned by M. D. Abouzahra, our work presented in [1] concerned the analysis and design of a 3-dB quadrature hybrid in the form of a circular disc that has increased operational bandwidth. Because our investigations primarily involved a 3-dB quadrature circular disc hybrid, we did not attempt to provide a full list of references on disc hybrids (these generally include 180° hybrids, 90° hybrids, and other useful hybrids in the form of 4-ports, 5-ports, etc). In comparison with the material presented in [1], Abouzahra in his comments provides a more thorough listing of references on this broad topic, which we will now comment on.

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